

INTERNATIONAL SEARCH REPORT

PCT/GB2004/004104

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C08L19/00 C08L21/00 C08L17/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 425 904 A (SMITS RICHARD A J) 20 June 1995 (1995-06-20) column 3, lines 18-47; claims 1-8; examples 1,2 column 4, lines 19-28 -----	1-22
X	US 5 298 210 A (HECKEL KLAUS ET AL) 29 March 1994 (1994-03-29) column 2, lines 21-40; claims 1-5; examples 1,2 -----	1-22
X	EP 0 508 056 A (HUELS CHEMISCHE WERKE AG) 14 October 1992 (1992-10-14) page 3, lines 34-38; claims 1-15 page 4, lines 4-14 -----	1-22

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

8 document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

23 December 2004

19/01/2005

Name and mailing address of the ISA
 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Adams, F

INTERNATIONAL SEARCH REPORT

PCT/GB2004/004104

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 350 839 A (GOODYEAR TIRE & RUBBER) 13 December 2000 (2000-12-13) claims 1,6,22; examples 19-28	1-22
X	EP 0 780 430 A (NAT RUBBER TECH INC) 25 June 1997 (1997-06-25) page 6, lines 1-35; claims 1-3; example 1	1-22
X	US 4 481 335 A (STARK JR FRED J) 6 November 1984 (1984-11-06) cited in the application column 2, line 34 - column 3, line 44; claim 9; examples 1,26 column 5, lines 5-13	1-22
X	WO 88/02313 A (RUBBER RES ELASTOMERICS) 7 April 1988 (1988-04-07) pages 4,5; examples 1-4	1-22
X	WO 03/014462 A (PEREZ RAUL S ; CRENSHAW R BRUCE (US); ROYAL RUBBER MFG (US)) 20 February 2003 (2003-02-20) paragraphs '0016! - '0018!, '0020!, '0022!; claims 1,2,14; figures 2-4	23-30
X	EP 0 135 595 A (ARNDS DIETER) 3 April 1985 (1985-04-03) page 4, lines 7-15; claims 1,2,8 page 10, lines 9-21	23-30
X	US 2003/033779 A1 (DOWNEY PAUL CHARLES) 20 February 2003 (2003-02-20) paragraphs '0013!, '0015!; claims 1,2,6	23-30

INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/GB2004/004104

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5425904	A	20-06-1995	NL AT CA DE DE EP ES GR WO	9002673 A 135389 T 2097432 A1 69117987 D1 69117987 T2 0647252 A1 2084997 T3 3019355 T3 9210540 A1	01-07-1992 15-03-1996 06-06-1992 18-04-1996 10-10-1996 12-04-1995 16-05-1996 30-06-1996 25-06-1992
US 5298210	A	29-03-1994	DE AT DE DK EP ES PT	3942505 C1 97055 T 59003463 D1 433563 T3 0433563 A2 2045704 T3 96296 A , B	22-11-1990 15-11-1993 16-12-1993 27-12-1993 26-06-1991 16-01-1994 30-09-1992
EP 0508056	A	14-10-1992	DE DE EP ES JP JP US	4111158 A1 59200615 D1 0508056 A1 2063537 T3 2834612 B2 5098079 A 5844043 A	08-10-1992 17-11-1994 14-10-1992 01-01-1995 09-12-1998 20-04-1993 01-12-1998
GB 2350839	A	13-12-2000	BR CA US US	0002497 A 2307973 A1 2002091167 A1 6380269 B1	02-01-2001 09-12-2000 11-07-2002 30-04-2002
EP 0780430	A	25-06-1997	US EP CA	5510419 A 0780430 A1 2158422 A1	23-04-1996 25-06-1997 17-03-1996
US 4481335	A	06-11-1984	DE EP WO	3275730 D1 0085710 A1 8300489 A1	23-04-1987 17-08-1983 17-02-1983
WO 8802313	A	07-04-1988	AT AU DE DE DK EP FI JP JP NO WO	99605 T 8078887 A 3788720 D1 3788720 T2 303388 A 0285647 A1 882629 A 2543386 B2 1501397 T 882451 A 8802313 A1	15-01-1994 21-04-1988 17-02-1994 28-04-1994 03-06-1988 12-10-1988 03-06-1988 16-10-1996 18-05-1989 03-08-1988 07-04-1988
WO 03014462	A	20-02-2003	CA EP WO	2457348 A1 1415036 A1 03014462 A1	20-02-2003 06-05-2004 20-02-2003
EP 0135595	A	03-04-1985	EP AT DE	0135595 A1 37320 T 3378029 D1	03-04-1985 15-10-1988 27-10-1988

INTERNATIONAL SEARCH REPORT

on patent family members

PCT/GB2004/004104

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003033779 A1	20-02-2003 CA	2398262 A1	16-02-2003